

ABSTRACT

1 An apparatus for and process for recovering LNG from
2 reservoir natural gas which includes circulating a
3 portion of the natural gas thru a gas cooling loop that
4 includes heat exchanges, an expansion zone and
5 compression zone. The process also includes removing
6 liquids from the gas cooling loop, distilling those
7 liquids to recover a distilled gas. The process also
8 includes compressing and expanding various portions of
9 the distilled gas and passing those portions thru heat
10 exchangers shared with the gas cooling loop to effect
11 heating/cooling as desired. The process also includes
12 removing a portion of the LNG cooling loop as LNG
13 product.